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relay simulation plant power

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Multiple time-scale power system dynamic simulation

A Kurita, H Okubo, K Oki, S Agematsu, DB Klapper, ... - IEEE Transactions on Power Systems, 1993 - [ieeexplore.ieee.org](#)

... 4. QUASI-STEADY-STATE SIMULATION A new capability ... such as transformer tap motions and relay actions, are ... power plant, and AGC are calculated, based on the ...

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Concepts of undervoltage load shedding for voltage stability

CW Taylor, BP Adm, OR Portland - IEEE Transactions on Power Delivery, 1992 - [ieeexplore.ieee.org](#)

... Application factors such as undervoltage relay settings and time ... was an aluminum reduction plant, three of the ... We are using large-scale simulation to design an ...

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Power system restoration issues

MM Adibi, RJ Kafka - IEEE Computer Applications in Power, 1991 - [ieeexplore.ieee.org](#)

... For this type of simulation, RLC representation is ... The synchronous relay settings as practiced by one ... isolate certain generators within a plant with matching ...

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Improving grid behaviour

CW Taylor, BP Adm, OR Portland - IEEE Spectrum, 1999 - [ieeexplore.ieee.org](#)

... control and protection and to sharpen simulation techniques ... trol at three power plants then contributed ... About five minutes later, a relay failure tripped a l ...

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Recording and analyzing the July 2 cascading outage [Western USA power system]

CW Taylor, DC Erickson, BP Adm, OR Portland - IEEE Computer Applications in Power, 1997 - [ieeexplore.ieee.org](#)

... at the Snake River Brownlee plant and possibly ... control and protection, and on simulation studies to ... With redundant, independent relay sets and breaker failure ...

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An advanced dispatcher training simulator

R Podmore, JC Giri, MP Gorenberg, JP Britton, NM ... - IEEE Transactions on Power Apparatus and Systems, 1982 - [ieeexplore.ieee.org](#)

... generating units, loads, lines, transformers and protective relays. ... The simulator can solve a 250 bus ... also emulating the actions of power plant, substation and ...

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Power system restoration planning

MM Adibi, LH Fink - IEEE Transactions on Power systems, 1994 - [ieeexplore.ieee.org](#)

... accurate modeling and interactive simulation of the ... of breakers with synchrocheck relays; etc. ... breaker and disconnect positions), power plant conditions (hot ...

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Experimental evaluation of EMTP-based current transformer models for protective relay transient study

M Kezunovic, L Kojovic, A Abur, CW Fromen, DR ... - IEEE Transactions on Power Delivery, 1994 - [ieeexplore.ieee.org](#)
 ... CT Short Circuit Test Setup at the High Power Laboratory ... 6. Circuit Diagram Used in EMTP Simulation of the CT ... is convenient since a type id relay engineer will ...
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An adaptive controller for power system load-frequency control- [nthu.edu.tw](#) [PDF]
 CT Pan, CM Liaw - IEEE Power Engineering Review, 1989 - [ieeexplore.ieee.org](#)
 ... designed by using a reduced-order plant model without ... generators, loads, induction motors, relays and so ... of a graphic workstation allows the simulation to be ...
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Industrial and cogeneration protection problems requiring simulation
 HK Clark, JW Feltes, PT Inc, CA Roseville - IEEE Transactions on Industry Applications, 1989 - [ieeexplore.ieee.org](#)
 ... to use a time delay as part of the relay. Simulation of system disturbances causing a negative excursion in ... The ability of the plant to remain in service ...
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